

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1029454

Luminaire Tested: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1029454
REPORT IS A COMBINATION OF REPORTS P985938 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K
Description: Define 2 Direct/Indirect Wall Mount with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}
Light Source: -
Ballast/Driver: -

Summary

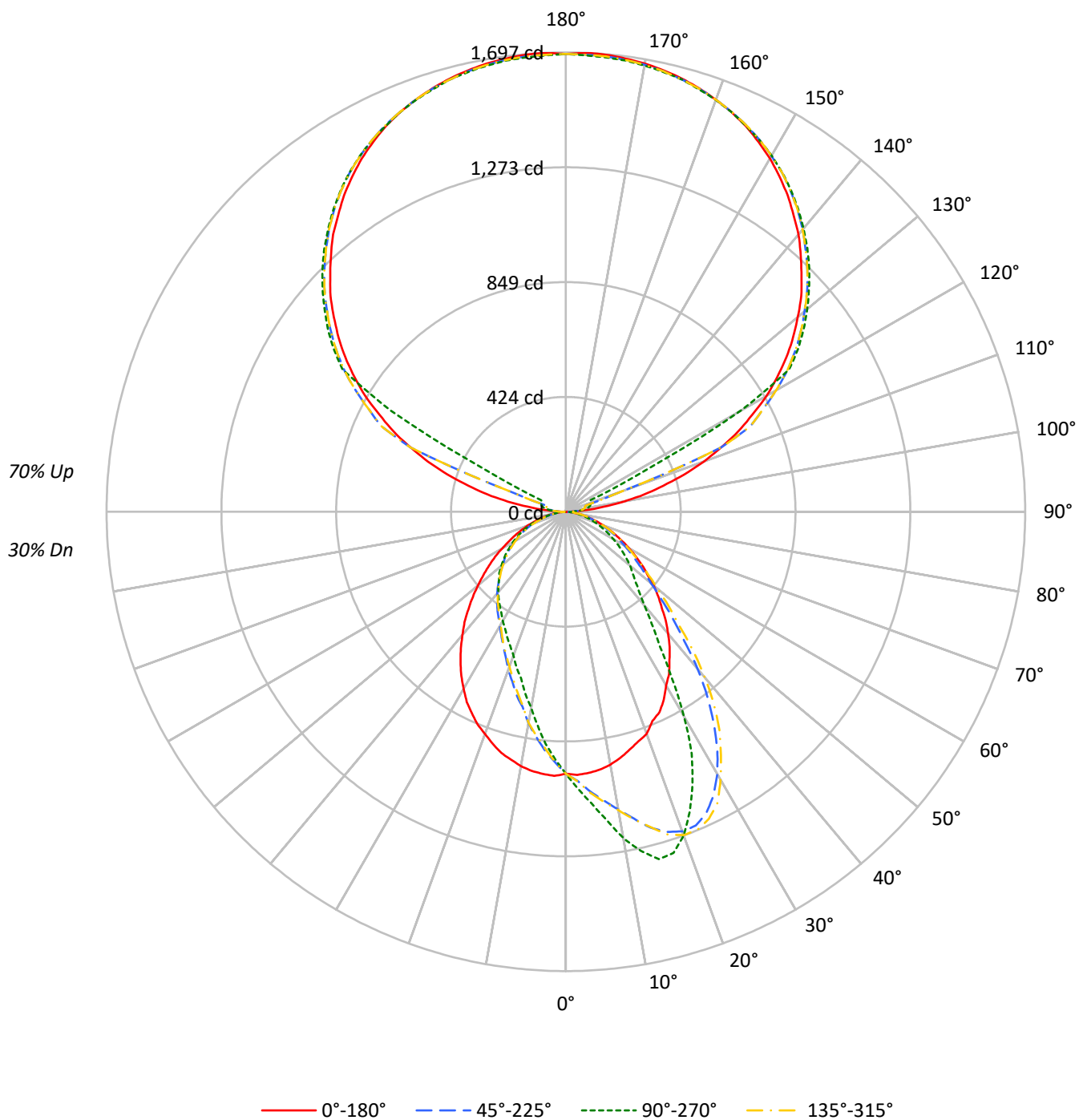
Lumens per Lamp: N/A
Luminaire Lumens: 7096.0 lumens
Efficiency: N/A
Efficacy: 107.4 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 66.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	102	102	102	102	92	92	92	92	72	72	72	54	54	54	38	38	38
1	94	90	86	83	84	81	77	75	64	62	60	48	47	46	34	33	32
2	85	78	73	68	76	71	66	62	56	53	50	43	40	39	30	29	28
3	78	69	62	57	70	62	57	52	50	46	42	38	35	33	27	25	24
4	72	61	54	48	64	55	49	44	44	40	36	34	31	28	24	22	21
5	66	55	47	41	59	49	43	38	40	35	31	31	27	25	22	20	18
6	60	49	41	36	54	44	38	33	36	31	27	28	24	22	20	18	16
7	56	44	37	31	50	40	34	29	32	28	24	25	22	19	18	16	15
8	52	40	33	28	46	36	30	26	30	25	21	23	20	17	17	15	13
9	48	37	29	25	43	33	27	23	27	22	19	21	18	15	16	13	12
10	45	33	27	22	40	30	24	20	25	20	17	20	16	14	15	12	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15318	15318	15318	15318
5°	15354	16332	15413	12993
10°	15176	17829	15272	10713
15°	14809	18805	15014	9023
20°	14577	17657	14577	7843
25°	14112	15170	14178	7013
30°	13348	11925	13604	6353
35°	12671	8246	12882	5813
40°	11892	6226	12028	5382
45°	10933	5116	11112	4916
50°	10103	4491	10120	4501
55°	9156	3826	9217	4049
60°	8148	3196	8260	3535
65°	7245	2599	7376	3018
70°	6344	2040	6505	2434
75°	5326	1481	5533	1765
80°	4160	938	4455	1047
85°	2726	473	2938	350

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15834 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	1.3
10°-20°	268.3	3.8
20°-30°	389.3	5.5
30°-40°	410.4	5.8
40°-50°	363.2	5.1
50°-60°	290.0	4.1
60°-70°	197.0	2.8
70°-80°	100.8	1.4
80°-90°	26.8	0.4
90°-100°	55.8	0.8
100°-110°	207.9	2.9
110°-120°	551.3	7.8
120°-130°	914.4	12.9
130°-140°	971.3	13.7
140°-150°	902.8	12.7
150°-160°	725.8	10.2
160°-170°	467.7	6.6
170°-180°	161.0	2.3
0°-30°	749.8	10.6
0°-40°	1160.2	16.4
0°-60°	1813.4	25.6
0°-90°	2138.0	30.1
90°-120°	815.0	11.5
90°-150°	3603.6	50.8
90°-180°	4958.0	69.9
0°-180°	7096.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	968	968	968	968	968	
5°	968	1081	972	860	968	92
15°	910	1328	922	637	910	257
25°	817	1107	821	512	817	374
35°	667	602	678	425	667	417
45°	501	363	509	349	501	388
55°	344	255	346	270	344	307
65°	204	157	208	182	204	203
75°	95	77	99	92	95	102
85°	19	20	21	15	19	23
90°	1	33	1	33	1	6
95°	80	53	80	53	80	94
105°	372	93	372	93	372	397
115°	704	100	704	100	704	693
125°	995	1046	995	1046	995	887
135°	1231	1272	1231	1272	1231	951
145°	1428	1450	1428	1450	1428	893
155°	1572	1574	1572	1574	1572	725
165°	1657	1653	1657	1653	1657	468
175°	1695	1685	1695	1685	1695	161
180°	1691	1691	1691	1691	1691	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	972.9	975.1	978.8	979.6	987.0	993.0	999.7	999.7	1001.9	1001.2	995.2
5°	968.4	975.1	984.8	993.0	1006.4	1012.3	1021.2	1027.9	1033.9	1038.3	1037.6
7.5°	961.0	972.9	987.0	1002.6	1020.5	1030.9	1043.5	1055.4	1063.6	1071.1	1076.3
10°	948.3	968.4	987.8	1008.6	1031.6	1045.8	1060.7	1076.3	1088.9	1103.1	1116.4
12.5°	931.2	960.2	984.0	1011.6	1039.8	1055.4	1079.3	1091.2	1115.7	1151.4	1161.1
15°	909.7	949.1	971.4	1006.4	1043.5	1056.2	1088.9	1108.3	1158.8	1181.2	1207.9
17.5°	889.6	933.5	963.2	1003.4	1039.8	1064.4	1096.4	1135.8	1178.2	1210.2	1239.9
20°	873.2	915.6	951.3	995.9	1042.1	1073.3	1106.8	1154.4	1200.5	1233.2	1256.3
22.5°	836.0	890.3	932.0	981.8	1037.6	1080.7	1112.7	1164.8	1214.6	1234.7	1254.8
25°	817.4	864.3	912.6	969.2	1034.6	1085.9	1113.5	1171.5	1215.4	1222.8	1227.3
27.5°	783.2	836.0	892.6	957.3	1033.9	1077.0	1112.0	1164.8	1199.7	1194.5	1181.2
30°	740.8	805.5	868.0	937.9	1023.5	1070.3	1103.1	1151.4	1169.3	1142.5	1118.7
32.5°	709.6	770.6	839.7	920.8	1011.6	1056.2	1088.2	1126.1	1129.8	1081.5	1041.3
35°	667.2	734.9	813.0	898.5	991.5	1031.6	1061.4	1084.5	1066.6	998.9	951.3
37.5°	629.3	696.2	779.5	866.5	964.0	1003.4	1027.2	1030.9	987.0	927.5	857.6
40°	587.6	656.8	743.8	835.3	933.5	967.7	982.6	971.4	908.2	839.0	757.9
42.5°	545.9	614.4	708.1	801.8	894.8	923.8	929.7	899.3	821.9	740.8	647.1
45°	500.6	572.0	665.7	760.2	850.2	866.5	867.3	823.4	731.9	647.1	560.1
47.5°	463.4	529.6	622.6	717.0	792.9	804.0	799.6	749.0	649.3	554.1	478.3
50°	422.5	485.7	577.9	670.9	735.6	738.6	727.4	655.3	557.8	470.8	410.6
52.5°	378.6	442.6	527.4	616.6	674.6	670.2	648.6	571.2	479.7	407.6	361.5
55°	343.6	400.2	479.7	566.8	607.7	595.0	571.2	492.4	420.2	359.3	319.1
57.5°	305.0	354.8	432.9	508.8	532.6	520.7	496.9	423.2	356.3	310.2	283.4
60°	268.5	313.9	382.3	445.5	464.1	451.5	424.0	357.8	309.4	270.7	250.7
62.5°	235.0	274.5	331.7	389.8	397.2	384.5	360.7	307.2	265.5	235.0	220.2
65°	203.8	241.0	287.1	331.0	337.7	324.3	299.8	261.1	226.1	206.8	192.6
67.5°	173.3	203.1	244.0	275.9	279.7	267.0	246.9	215.7	194.1	173.3	162.9
70°	146.5	168.8	200.8	226.9	228.3	216.4	206.0	177.8	161.4	146.5	138.3
72.5°	120.5	136.1	160.7	180.0	180.7	173.3	163.6	145.8	131.7	121.2	113.1
75°	95.2	108.6	123.5	140.6	139.8	133.9	126.4	115.3	103.4	96.7	93.0
77.5°	72.9	81.1	93.0	104.1	104.1	101.2	96.7	88.5	81.1	74.4	70.7
80°	52.1	57.3	66.9	70.7	72.1	71.4	67.7	61.7	58.8	53.6	52.1
82.5°	33.5	37.2	41.7	45.4	47.6	46.1	45.4	42.4	37.9	36.4	35.0
85°	19.3	20.8	23.1	25.3	26.0	25.3	26.8	24.5	22.3	22.3	21.6
87.5°	8.2	8.9	10.4	10.4	11.2	11.2	10.4	11.2	11.2	10.4	9.7
90°	1.2	4.2	7.2	10.2	13.2	14.7	15.8	18.0	20.1	22.3	24.5
92.5°	30.6	29.5	28.4	27.3	26.2	25.7	26.1	26.9	27.8	28.6	29.4
95°	79.5	70.5	61.6	52.6	43.7	39.2	40.1	42.0	43.9	45.8	47.7
97.5°	143.2	120.9	98.6	76.3	54.0	42.8	45.0	49.3	53.7	58.0	62.4
100°	216.6	179.3	142.1	104.8	67.5	48.9	51.2	55.9	60.5	65.2	69.8
102.5°	297.4	296.8	296.3	295.7	295.2	294.9	270.2	220.7	171.2	121.7	72.2
105°	372.0	380.2	388.3	396.5	404.6	408.7	371.6	297.3	223.1	148.8	74.6
107.5°	458.9	465.7	472.5	479.3	486.1	489.5	443.7	352.0	260.4	168.7	77.1
110°	542.1	547.8	553.5	559.2	564.9	567.8	528.5	449.9	371.4	292.8	214.2

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	620.4	625.3	630.2	635.1	640.0	642.5	640.2	635.6	630.9	626.3	621.7
115°	703.6	708.2	712.9	717.5	722.2	724.5	727.9	734.7	741.4	748.2	755.0
117.5°	775.9	781.3	786.7	792.2	797.6	800.3	802.6	807.2	811.9	816.5	821.1
120°	856.6	860.7	864.8	868.9	873.0	875.0	877.4	882.3	887.2	892.1	897.0
122.5°	925.1	929.5	933.8	938.2	942.5	944.7	947.4	952.9	958.3	963.8	969.2
125°	994.9	998.4	1002.0	1005.5	1009.0	1010.8	1013.4	1018.6	1023.7	1028.9	1034.1
127.5°	1058.5	1062.3	1066.1	1070.0	1073.8	1075.7	1077.7	1081.8	1085.9	1089.9	1094.0
130°	1118.5	1122.9	1127.2	1131.6	1135.9	1138.1	1139.6	1142.6	1145.5	1148.5	1151.5
132.5°	1179.7	1183.2	1186.8	1190.3	1193.8	1195.6	1197.1	1200.1	1203.1	1206.1	1209.1
135°	1231.1	1235.5	1239.8	1244.2	1248.5	1250.7	1251.9	1254.4	1256.8	1259.3	1261.7
137.5°	1284.9	1288.2	1291.4	1294.7	1298.0	1299.6	1301.0	1303.7	1306.4	1309.1	1311.8
140°	1337.5	1339.7	1341.9	1344.0	1346.2	1347.3	1348.8	1351.8	1354.8	1357.8	1360.8
142.5°	1381.6	1383.5	1385.4	1387.3	1389.2	1390.2	1392.0	1395.5	1399.0	1402.6	1406.1
145°	1428.1	1427.8	1427.6	1427.3	1427.0	1426.9	1429.2	1433.8	1438.5	1443.1	1447.7
147.5°	1468.5	1467.7	1466.9	1466.0	1465.2	1464.8	1467.1	1471.7	1476.4	1481.0	1485.6
150°	1507.6	1505.7	1503.8	1501.9	1500.0	1499.1	1501.3	1505.6	1510.0	1514.3	1518.7
152.5°	1540.7	1538.5	1536.3	1534.2	1532.0	1530.9	1532.9	1537.0	1541.1	1545.2	1549.3
155°	1572.5	1570.1	1567.6	1565.2	1562.7	1561.5	1563.1	1566.4	1569.7	1572.9	1576.2
157.5°	1598.2	1596.0	1593.8	1591.7	1589.5	1588.4	1589.6	1592.1	1594.5	1597.0	1599.4
160°	1620.2	1618.6	1617.0	1615.3	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2
162.5°	1639.8	1638.2	1636.6	1634.9	1633.3	1632.5	1633.2	1634.5	1635.9	1637.2	1638.6
165°	1656.9	1655.3	1653.7	1652.0	1650.4	1649.6	1650.0	1650.8	1651.7	1652.5	1653.3
167.5°	1670.4	1668.8	1667.2	1665.5	1663.9	1663.1	1663.5	1664.3	1665.1	1665.9	1666.7
170°	1681.4	1679.8	1678.2	1676.5	1674.9	1674.1	1674.4	1674.9	1675.4	1676.0	1676.5
172.5°	1688.8	1687.2	1685.5	1683.9	1682.2	1681.4	1681.7	1682.2	1682.8	1683.3	1683.9
175°	1694.9	1693.0	1691.1	1689.2	1687.3	1686.3	1686.6	1687.1	1687.7	1688.2	1688.8
177.5°	1697.3	1695.4	1693.5	1691.6	1689.7	1688.8	1688.9	1689.2	1689.5	1689.7	1690.0
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	1005.6	1006.4	1007.8	1015.3	1019.0	1019.7	1016.8	1023.5	1025.7	1023.5	1022.0
5°	1053.2	1057.7	1066.6	1076.3	1075.5	1076.3	1080.7	1085.2	1086.7	1080.7	1083.0
7.5°	1094.9	1103.8	1113.5	1128.3	1128.3	1135.8	1138.8	1142.5	1151.4	1146.9	1145.4
10°	1142.5	1154.4	1172.2	1196.0	1196.8	1204.2	1211.6	1223.5	1227.3	1224.3	1225.8
12.5°	1202.0	1225.0	1226.5	1252.6	1264.5	1265.9	1277.8	1275.6	1283.1	1283.1	1295.7
15°	1228.0	1263.7	1283.8	1309.1	1316.5	1307.6	1317.3	1327.7	1328.4	1328.4	1327.7
17.5°	1274.9	1289.0	1309.1	1322.5	1325.4	1325.4	1326.2	1330.7	1327.7	1321.7	1326.2
20°	1284.5	1290.5	1297.9	1296.4	1297.9	1290.5	1283.1	1275.6	1276.4	1272.6	1283.8
22.5°	1266.7	1265.2	1248.1	1236.9	1236.9	1222.1	1207.9	1201.2	1194.5	1196.8	1200.5
25°	1222.1	1199.0	1178.2	1161.8	1158.1	1134.3	1115.0	1109.0	1097.8	1106.8	1108.3
27.5°	1150.7	1124.6	1091.2	1077.0	1057.7	1048.0	1034.6	1016.8	993.7	1007.1	1004.9
30°	1074.0	1035.4	1007.8	973.6	943.1	940.9	915.6	885.9	874.0	874.0	880.7
32.5°	988.5	937.2	897.0	848.7	818.9	806.3	775.8	746.0	752.7	730.4	738.6
35°	888.8	821.2	770.6	723.7	701.4	686.5	647.1	630.7	612.9	602.5	621.8
37.5°	793.6	715.5	650.8	599.5	591.3	564.5	537.8	527.4	516.9	521.4	520.7
40°	677.6	608.4	550.4	510.2	496.1	483.5	465.6	453.0	446.3	450.0	450.7
42.5°	572.7	514.7	471.6	443.3	431.4	422.5	413.6	403.1	400.9	400.9	403.9
45°	491.7	444.0	415.0	392.0	385.3	378.6	371.9	367.4	365.9	363.0	365.2
47.5°	426.9	389.0	371.2	354.0	346.6	345.1	339.2	336.9	334.0	333.2	334.0
50°	372.6	348.8	332.5	322.8	317.6	315.4	312.4	307.9	306.4	310.2	308.7
52.5°	334.7	312.4	303.5	293.8	290.8	287.8	283.4	284.1	283.4	281.9	281.9
55°	296.8	282.6	273.7	266.3	265.5	262.6	258.8	257.4	256.6	255.1	257.4
57.5°	266.3	255.1	246.9	240.2	237.3	237.3	233.6	230.6	230.6	229.8	230.6
60°	235.8	224.6	219.4	212.7	210.5	209.8	207.5	206.0	203.8	203.8	203.8
62.5°	207.5	198.6	192.6	186.7	187.4	183.7	180.7	179.3	179.3	180.0	180.0
65°	180.7	174.8	167.4	162.1	160.7	159.9	158.4	157.7	155.5	156.9	156.9
67.5°	156.2	148.0	143.6	141.3	139.1	138.3	136.9	135.4	134.6	133.9	135.4
70°	131.7	125.0	121.2	119.8	117.5	116.8	116.0	113.8	114.5	115.3	116.0
72.5°	109.3	103.4	102.6	98.2	98.2	98.2	95.2	96.7	95.9	94.5	95.9
75°	86.3	83.3	81.8	79.6	80.3	79.6	78.8	76.6	76.6	77.4	78.1
77.5°	68.4	65.5	64.7	62.5	61.0	62.5	61.0	60.2	60.2	61.0	61.0
80°	50.6	49.1	46.9	46.9	46.9	46.1	46.1	46.1	45.4	44.6	45.4
82.5°	33.5	33.5	32.7	32.0	32.7	31.2	32.0	32.0	32.0	32.0	32.0
85°	21.6	20.8	20.8	20.1	20.1	20.1	20.8	19.3	19.3	20.1	20.1
87.5°	9.7	9.7	9.7	10.4	9.7	9.7	9.7	10.4	9.7	9.7	9.7
90°	25.9	27.2	28.6	29.9	30.6	30.9	31.4	31.9	32.5	33.0	32.5
92.5°	29.9	30.5	31.0	31.5	31.8	31.9	32.2	32.5	32.7	33.0	32.7
95°	49.1	50.4	51.8	53.1	53.8	53.7	53.4	53.1	52.9	52.6	52.9
97.5°	63.2	64.0	64.9	65.7	66.1	66.2	66.5	66.8	67.0	67.3	67.0
100°	72.0	74.1	76.3	78.4	79.5	79.8	80.3	80.9	81.4	82.0	81.4
102.5°	75.2	78.2	81.2	84.2	85.7	86.1	86.9	87.7	88.5	89.3	88.5
105°	77.6	80.6	83.6	86.6	88.1	88.6	89.7	90.8	91.9	93.0	91.9
107.5°	80.1	83.1	86.1	89.1	90.6	91.1	92.2	93.3	94.4	95.5	94.4
110°	187.0	159.8	132.6	105.4	91.8	92.3	93.4	94.5	95.6	96.7	95.6

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	504.5	387.3	270.0	152.8	94.2	94.6	95.4	96.3	97.1	97.9	97.1
115°	629.1	503.2	377.3	251.4	188.5	178.7	159.1	139.5	119.9	100.3	119.9
117.5°	782.2	743.3	704.4	665.5	646.1	610.5	539.2	468.0	396.7	325.5	396.7
120°	900.3	903.5	906.8	910.1	911.7	893.3	856.6	819.9	783.2	746.5	783.2
122.5°	970.8	972.4	974.1	975.7	976.5	976.6	976.9	977.2	977.5	977.8	977.5
125°	1036.0	1037.9	1039.8	1041.7	1042.6	1043.0	1043.8	1044.7	1045.5	1046.3	1045.5
127.5°	1096.7	1099.5	1102.2	1104.9	1106.3	1106.4	1106.7	1107.0	1107.2	1107.5	1107.2
130°	1154.5	1157.5	1160.5	1163.5	1165.0	1164.9	1164.6	1164.3	1164.1	1163.8	1164.1
132.5°	1211.5	1214.0	1216.4	1218.9	1220.1	1220.0	1219.7	1219.4	1219.1	1218.8	1219.1
135°	1264.4	1267.1	1269.8	1272.5	1273.9	1273.6	1273.1	1272.6	1272.0	1271.5	1272.0
137.5°	1314.5	1317.3	1320.0	1322.7	1324.1	1323.7	1322.9	1322.0	1321.2	1320.4	1321.2
140°	1363.2	1365.7	1368.1	1370.6	1371.8	1371.1	1369.8	1368.4	1367.1	1365.7	1367.1
142.5°	1408.3	1410.5	1412.6	1414.8	1415.9	1415.2	1413.8	1412.5	1411.1	1409.7	1411.1
145°	1449.6	1451.5	1453.4	1455.3	1456.2	1455.5	1454.2	1452.8	1451.5	1450.1	1451.5
147.5°	1487.0	1488.3	1489.7	1491.0	1491.7	1491.2	1490.1	1489.0	1487.9	1486.8	1487.9
150°	1520.3	1521.9	1523.6	1525.2	1526.0	1525.3	1524.0	1522.6	1521.3	1519.9	1521.3
152.5°	1550.9	1552.5	1554.2	1555.8	1556.6	1555.6	1553.7	1551.8	1549.9	1548.0	1549.9
155°	1577.8	1579.4	1581.1	1582.7	1583.5	1582.4	1580.2	1578.1	1575.9	1573.7	1575.9
157.5°	1601.3	1603.2	1605.1	1607.0	1608.0	1606.9	1604.7	1602.6	1600.4	1598.2	1600.4
160°	1621.8	1623.5	1625.1	1626.8	1627.6	1626.6	1624.7	1622.8	1620.9	1619.0	1620.9
162.5°	1640.5	1642.4	1644.3	1646.2	1647.2	1646.0	1643.5	1641.0	1638.6	1636.1	1638.6
165°	1655.2	1657.1	1659.0	1660.9	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1655.2
167.5°	1668.6	1670.5	1672.4	1674.3	1675.3	1674.1	1671.6	1669.2	1666.7	1664.3	1666.7
170°	1678.4	1680.3	1682.2	1684.1	1685.1	1683.9	1681.4	1679.0	1676.5	1674.1	1676.5
172.5°	1685.8	1687.7	1689.6	1691.5	1692.4	1691.2	1688.7	1686.3	1683.8	1681.4	1683.8
175°	1690.7	1692.6	1694.5	1696.4	1697.3	1695.9	1693.2	1690.5	1687.8	1685.1	1687.8
177.5°	1691.9	1693.8	1695.7	1697.6	1698.5	1697.3	1694.8	1692.4	1689.9	1687.5	1689.9
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	1025.7	1020.5	1016.0	1016.8	1020.5	1017.5	1010.1	1000.4	996.7	992.2	996.7
5°	1087.4	1083.0	1074.0	1074.8	1072.6	1069.6	1057.7	1042.8	1042.8	1030.9	1029.4
7.5°	1148.4	1141.7	1135.8	1134.3	1126.1	1120.2	1109.7	1088.9	1080.7	1066.6	1058.4
10°	1216.9	1211.6	1205.0	1196.8	1192.3	1181.9	1164.8	1134.3	1119.4	1100.1	1085.9
12.5°	1286.0	1285.3	1270.4	1254.0	1253.3	1236.9	1225.0	1184.1	1164.0	1138.0	1104.5
15°	1329.9	1326.2	1318.0	1309.8	1312.1	1294.2	1267.4	1219.1	1205.7	1174.5	1138.8
17.5°	1329.2	1329.2	1326.9	1325.4	1323.2	1318.0	1303.1	1271.2	1249.6	1210.2	1176.7
20°	1286.8	1296.4	1298.7	1297.9	1305.4	1309.1	1308.3	1288.3	1271.2	1236.2	1202.0
22.5°	1202.0	1224.3	1234.0	1239.9	1255.5	1263.7	1283.1	1275.6	1271.2	1245.1	1216.1
25°	1123.1	1130.6	1159.6	1161.1	1182.6	1202.7	1222.1	1234.7	1251.1	1241.4	1216.9
27.5°	1021.2	1038.3	1059.2	1074.8	1079.3	1120.2	1152.1	1175.9	1213.1	1216.1	1207.9
30°	905.9	914.1	948.3	969.2	993.0	1022.7	1068.8	1109.7	1143.2	1173.7	1184.1
32.5°	765.4	798.8	818.9	844.2	865.0	917.8	974.4	1027.2	1065.9	1117.2	1139.5
35°	636.7	662.7	696.9	707.4	745.3	789.9	863.5	931.2	990.0	1042.1	1087.4
37.5°	530.3	551.2	587.6	604.0	626.3	683.6	745.3	829.3	900.0	964.0	1020.5
40°	457.4	473.1	500.6	505.8	524.4	576.4	626.3	705.1	798.8	885.1	946.9
42.5°	407.6	415.0	433.6	440.3	452.2	487.2	531.8	606.2	693.2	782.5	869.5
45°	371.9	377.1	388.3	394.2	409.1	424.7	461.2	520.7	589.1	679.1	772.8
47.5°	339.9	346.6	351.1	354.8	363.0	380.1	403.9	447.8	513.2	595.8	686.5
50°	313.1	315.4	323.6	324.3	329.5	340.7	363.0	389.8	441.8	508.8	596.5
52.5°	286.4	288.6	293.8	299.0	301.2	310.2	325.0	347.4	386.0	438.8	516.9
55°	259.6	262.6	267.8	271.5	273.7	281.2	290.1	311.7	342.1	379.3	443.3
57.5°	232.8	239.5	241.0	243.2	246.9	255.1	263.3	275.9	299.8	334.0	380.8
60°	207.5	209.8	215.0	217.2	220.9	225.4	235.8	245.5	262.6	289.3	331.7
62.5°	181.5	186.7	188.9	191.2	194.1	199.3	206.0	216.4	231.3	252.9	286.4
65°	159.2	159.9	164.4	167.4	170.3	174.0	180.7	190.4	199.3	219.4	244.0
67.5°	137.6	139.1	140.6	143.6	147.3	151.0	156.9	162.1	173.3	186.7	206.0
70°	116.8	116.8	120.5	122.7	122.0	126.4	130.9	136.9	145.0	157.7	173.3
72.5°	98.2	97.4	100.4	101.2	102.6	105.6	108.6	114.5	119.0	128.7	140.6
75°	78.1	79.6	81.1	81.1	83.3	85.5	88.5	91.5	96.7	102.6	111.6
77.5°	61.7	61.7	63.2	64.0	66.2	65.5	68.4	71.4	75.1	80.3	87.0
80°	45.4	46.9	46.9	46.9	47.6	48.3	51.3	53.6	55.8	59.5	62.5
82.5°	32.0	32.0	33.5	33.5	33.5	35.0	35.0	35.7	37.2	39.4	41.7
85°	20.1	20.1	20.1	20.8	20.1	20.8	22.3	21.6	22.3	23.8	23.8
87.5°	9.7	9.7	9.7	9.7	9.7	10.4	9.7	10.4	11.2	11.2	11.2
90°	31.9	31.4	30.9	30.6	29.9	28.6	27.2	25.9	24.5	22.3	20.1
92.5°	32.5	32.2	31.9	31.8	31.5	31.0	30.5	29.9	29.4	28.6	27.8
95°	53.1	53.4	53.7	53.8	53.1	51.8	50.4	49.1	47.7	45.8	43.9
97.5°	66.8	66.5	66.2	66.1	65.7	64.9	64.0	63.2	62.4	58.0	53.7
100°	80.9	80.3	79.8	79.5	78.4	76.3	74.1	72.0	69.8	65.2	60.5
102.5°	87.7	86.9	86.1	85.7	84.2	81.2	78.2	75.2	72.2	121.7	171.2
105°	90.8	89.7	88.6	88.1	86.6	83.6	80.6	77.6	74.6	148.8	223.1
107.5°	93.3	92.2	91.1	90.6	89.1	86.1	83.1	80.1	77.1	168.7	260.4
110°	94.5	93.4	92.3	91.8	105.4	132.6	159.8	187.0	214.2	292.8	371.4

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	96.3	95.4	94.6	94.2	152.8	270.0	387.3	504.5	621.7	626.3	630.9
115°	139.5	159.1	178.7	188.5	251.4	377.3	503.2	629.1	755.0	748.2	741.4
117.5°	468.0	539.2	610.5	646.1	665.5	704.4	743.3	782.2	821.1	816.5	811.9
120°	819.9	856.6	893.3	911.7	910.1	906.8	903.5	900.3	897.0	892.1	887.2
122.5°	977.2	976.9	976.6	976.5	975.7	974.1	972.4	970.8	969.2	963.8	958.3
125°	1044.7	1043.8	1043.0	1042.6	1041.7	1039.8	1037.9	1036.0	1034.1	1028.9	1023.7
127.5°	1107.0	1106.7	1106.4	1106.3	1104.9	1102.2	1099.5	1096.7	1094.0	1089.9	1085.9
130°	1164.3	1164.6	1164.9	1165.0	1163.5	1160.5	1157.5	1154.5	1151.5	1148.5	1145.5
132.5°	1219.4	1219.7	1220.0	1220.1	1218.9	1216.4	1214.0	1211.5	1209.1	1206.1	1203.1
135°	1272.6	1273.1	1273.6	1273.9	1272.5	1269.8	1267.1	1264.4	1261.7	1259.3	1256.8
137.5°	1322.0	1322.9	1323.7	1324.1	1322.7	1320.0	1317.3	1314.5	1311.8	1309.1	1306.4
140°	1368.4	1369.8	1371.1	1371.8	1370.6	1368.1	1365.7	1363.2	1360.8	1357.8	1354.8
142.5°	1412.5	1413.8	1415.2	1415.9	1414.8	1412.6	1410.5	1408.3	1406.1	1402.6	1399.0
145°	1452.8	1454.2	1455.5	1456.2	1455.3	1453.4	1451.5	1449.6	1447.7	1443.1	1438.5
147.5°	1489.0	1490.1	1491.2	1491.7	1491.0	1489.7	1488.3	1487.0	1485.6	1481.0	1476.4
150°	1522.6	1524.0	1525.3	1526.0	1525.2	1523.6	1521.9	1520.3	1518.7	1514.3	1510.0
152.5°	1551.8	1553.7	1555.6	1556.6	1555.8	1554.2	1552.5	1550.9	1549.3	1545.2	1541.1
155°	1578.1	1580.2	1582.4	1583.5	1582.7	1581.1	1579.4	1577.8	1576.2	1572.9	1569.7
157.5°	1602.6	1604.7	1606.9	1608.0	1607.0	1605.1	1603.2	1601.3	1599.4	1597.0	1594.5
160°	1622.8	1624.7	1626.6	1627.6	1626.8	1625.1	1623.5	1621.8	1620.2	1618.6	1617.0
162.5°	1641.0	1643.5	1646.0	1647.2	1646.2	1644.3	1642.4	1640.5	1638.6	1637.2	1635.9
165°	1657.1	1659.0	1660.9	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1652.5	1651.7
167.5°	1669.2	1671.6	1674.1	1675.3	1674.3	1672.4	1670.5	1668.6	1666.7	1665.9	1665.1
170°	1679.0	1681.4	1683.9	1685.1	1684.1	1682.2	1680.3	1678.4	1676.5	1676.0	1675.4
172.5°	1686.3	1688.7	1691.2	1692.4	1691.5	1689.6	1687.7	1685.8	1683.9	1683.3	1682.8
175°	1690.5	1693.2	1695.9	1697.3	1696.4	1694.5	1692.6	1690.7	1688.8	1688.2	1687.7
177.5°	1692.4	1694.8	1697.3	1698.5	1697.6	1695.7	1693.8	1691.9	1690.0	1689.7	1689.5
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	993.0	989.3	987.0	988.5	984.0	972.9	972.9	976.6	972.1	967.7	961.0
5°	1020.5	1013.1	1008.6	1007.8	997.4	979.6	975.9	972.1	962.5	952.1	940.9
7.5°	1047.3	1033.9	1026.4	1021.2	1006.4	983.3	973.6	965.5	949.8	934.2	920.1
10°	1069.6	1050.2	1041.3	1033.1	1013.8	984.8	969.2	954.3	934.2	914.1	896.3
12.5°	1087.4	1065.1	1054.0	1042.1	1018.3	980.3	961.0	937.2	917.1	890.3	872.5
15°	1117.2	1071.1	1060.7	1049.5	1025.0	972.9	949.1	922.3	894.8	859.1	839.7
17.5°	1141.0	1079.3	1078.5	1054.7	1022.7	969.9	933.5	898.5	868.8	833.1	802.6
20°	1155.1	1091.9	1080.0	1055.4	1015.3	949.8	911.9	873.2	841.2	798.1	767.6
22.5°	1167.0	1109.7	1078.5	1048.8	999.7	943.1	887.4	850.9	807.0	760.2	731.2
25°	1171.5	1113.5	1080.7	1046.5	988.5	923.8	860.6	821.2	772.1	729.7	690.2
27.5°	1172.2	1112.7	1072.6	1036.9	972.9	898.5	833.8	792.1	737.8	688.8	649.3
30°	1164.8	1104.5	1068.1	1029.4	958.0	875.5	801.1	755.0	696.9	647.8	606.9
32.5°	1142.5	1088.2	1058.4	1016.0	938.7	843.5	769.8	718.5	657.5	609.2	569.7
35°	1105.3	1068.1	1035.4	995.9	913.4	813.7	738.6	678.3	616.6	570.5	533.3
37.5°	1059.2	1039.1	1008.6	969.9	884.4	786.9	703.6	636.7	575.0	530.3	493.9
40°	996.7	1001.9	972.1	937.2	850.2	750.5	658.3	594.3	536.3	494.6	458.9
42.5°	929.0	950.6	933.5	900.0	812.2	710.3	624.8	554.1	497.6	454.5	424.7
45°	856.1	893.3	882.9	858.3	772.8	667.9	577.2	508.8	458.9	417.3	391.2
47.5°	776.5	829.3	829.3	811.5	728.9	625.5	536.3	466.4	417.3	387.5	362.2
50°	695.5	755.0	764.6	752.7	679.8	577.2	486.4	423.2	380.8	351.8	333.2
52.5°	610.7	679.8	697.7	691.7	627.8	531.1	445.5	383.8	345.1	319.8	303.5
55°	529.6	609.9	629.3	631.5	572.0	480.5	400.2	345.9	308.7	291.6	277.4
57.5°	453.0	530.3	551.9	555.6	515.5	434.4	357.8	310.2	276.7	262.6	251.4
60°	387.5	452.2	480.5	488.7	453.7	380.8	318.3	272.2	246.9	233.6	223.1
62.5°	334.0	386.0	415.8	418.0	402.4	334.0	277.4	238.8	217.2	205.3	200.1
65°	281.9	328.8	346.6	355.5	342.9	289.3	239.5	207.5	190.4	180.0	174.8
67.5°	240.2	270.0	284.9	296.8	284.1	244.0	203.8	177.8	165.1	154.7	151.7
70°	197.1	221.7	232.8	244.7	233.6	203.1	174.0	150.2	139.1	130.9	127.2
72.5°	157.7	177.0	187.4	194.9	188.2	162.9	139.1	122.7	114.5	108.6	106.4
75°	125.0	138.3	144.3	149.5	146.5	127.2	112.3	98.9	91.5	86.3	84.8
77.5°	95.2	104.9	111.6	113.1	109.3	96.7	84.0	75.9	69.9	66.9	65.5
80°	67.7	73.6	77.4	79.6	75.9	70.7	61.7	55.8	50.6	46.9	46.1
82.5°	45.4	48.3	51.3	50.6	49.1	44.6	39.4	36.4	34.2	31.2	31.2
85°	26.0	26.8	28.3	29.0	28.3	25.3	22.3	20.8	19.3	17.1	17.1
87.5°	11.2	11.9	11.9	12.6	11.2	11.2	9.7	8.2	8.2	7.4	6.7
90°	18.0	15.8	14.7	13.2	10.2	7.2	4.2	1.2	4.2	7.2	10.2
92.5°	26.9	26.1	25.7	26.2	27.3	28.4	29.5	30.6	29.5	28.4	27.3
95°	42.0	40.1	39.2	43.7	52.6	61.6	70.5	79.5	70.5	61.6	52.6
97.5°	49.3	45.0	42.8	54.0	76.3	98.6	120.9	143.2	120.9	98.6	76.3
100°	55.9	51.2	48.9	67.5	104.8	142.1	179.3	216.6	179.3	142.1	104.8
102.5°	220.7	270.2	294.9	295.2	295.7	296.3	296.8	297.4	296.8	296.3	295.7
105°	297.3	371.6	408.7	404.6	396.5	388.3	380.2	372.0	380.2	388.3	396.5
107.5°	352.0	443.7	489.5	486.1	479.3	472.5	465.7	458.9	465.7	472.5	479.3
110°	449.9	528.5	567.8	564.9	559.2	553.5	547.8	542.1	547.8	553.5	559.2

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	635.6	640.2	642.5	640.0	635.1	630.2	625.3	620.4	625.3	630.2	635.1
115°	734.7	727.9	724.5	722.2	717.5	712.9	708.2	703.6	708.2	712.9	717.5
117.5°	807.2	802.6	800.3	797.6	792.2	786.7	781.3	775.9	781.3	786.7	792.2
120°	882.3	877.4	875.0	873.0	868.9	864.8	860.7	856.6	860.7	864.8	868.9
122.5°	952.9	947.4	944.7	942.5	938.2	933.8	929.5	925.1	929.5	933.8	938.2
125°	1018.6	1013.4	1010.8	1009.0	1005.5	1002.0	998.4	994.9	998.4	1002.0	1005.5
127.5°	1081.8	1077.7	1075.7	1073.8	1070.0	1066.1	1062.3	1058.5	1062.3	1066.1	1070.0
130°	1142.6	1139.6	1138.1	1135.9	1131.6	1127.2	1122.9	1118.5	1122.9	1127.2	1131.6
132.5°	1200.1	1197.1	1195.6	1193.8	1190.3	1186.8	1183.2	1179.7	1183.2	1186.8	1190.3
135°	1254.4	1251.9	1250.7	1248.5	1244.2	1239.8	1235.5	1231.1	1235.5	1239.8	1244.2
137.5°	1303.7	1301.0	1299.6	1298.0	1294.7	1291.4	1288.2	1284.9	1288.2	1291.4	1294.7
140°	1351.8	1348.8	1347.3	1346.2	1344.0	1341.9	1339.7	1337.5	1339.7	1341.9	1344.0
142.5°	1395.5	1392.0	1390.2	1389.2	1387.3	1385.4	1383.5	1381.6	1383.5	1385.4	1387.3
145°	1433.8	1429.2	1426.9	1427.0	1427.3	1427.6	1427.8	1428.1	1427.8	1427.6	1427.3
147.5°	1471.7	1467.1	1464.8	1465.2	1466.0	1466.9	1467.7	1468.5	1467.7	1466.9	1466.0
150°	1505.6	1501.3	1499.1	1500.0	1501.9	1503.8	1505.7	1507.6	1505.7	1503.8	1501.9
152.5°	1537.0	1532.9	1530.9	1532.0	1534.2	1536.3	1538.5	1540.7	1538.5	1536.3	1534.2
155°	1566.4	1563.1	1561.5	1562.7	1565.2	1567.6	1570.1	1572.5	1570.1	1567.6	1565.2
157.5°	1592.1	1589.6	1588.4	1589.5	1591.7	1593.8	1596.0	1598.2	1596.0	1593.8	1591.7
160°	1615.3	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2	1618.6	1617.0	1615.3
162.5°	1634.5	1633.2	1632.5	1633.3	1634.9	1636.6	1638.2	1639.8	1638.2	1636.6	1634.9
165°	1650.8	1650.0	1649.6	1650.4	1652.0	1653.7	1655.3	1656.9	1655.3	1653.7	1652.0
167.5°	1664.3	1663.5	1663.1	1663.9	1665.5	1667.2	1668.8	1670.4	1668.8	1667.2	1665.5
170°	1674.9	1674.4	1674.1	1674.9	1676.5	1678.2	1679.8	1681.4	1679.8	1678.2	1676.5
172.5°	1682.2	1681.7	1681.4	1682.2	1683.9	1685.5	1687.2	1688.8	1687.2	1685.5	1683.9
175°	1687.1	1686.6	1686.3	1687.3	1689.2	1691.1	1693.0	1694.9	1693.0	1691.1	1689.2
177.5°	1689.2	1688.9	1688.8	1689.7	1691.6	1693.5	1695.4	1697.3	1695.4	1693.5	1691.6
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	957.3	961.0	960.2	952.8	944.6	937.9	925.3	926.8	922.3	923.1	927.5
5°	933.5	933.5	930.5	920.1	906.7	899.3	885.1	881.4	872.5	871.7	871.0
7.5°	908.2	904.5	900.7	885.9	869.5	857.6	838.3	833.8	824.9	818.9	815.9
10°	878.4	873.2	865.8	848.7	828.6	813.7	793.6	787.7	770.6	763.1	758.7
12.5°	845.7	842.7	830.8	816.7	784.0	767.6	738.6	744.5	727.4	712.6	710.3
15°	813.0	801.8	795.1	772.1	732.6	725.2	702.1	690.2	674.6	662.7	662.7
17.5°	781.0	763.9	749.0	724.5	695.5	674.6	657.5	651.6	632.2	620.3	618.1
20°	738.6	719.3	715.5	680.6	660.5	637.4	621.1	606.2	592.1	586.9	583.1
22.5°	698.4	676.1	670.2	640.4	620.3	597.3	580.9	570.5	560.1	556.4	549.7
25°	655.3	641.9	633.0	601.0	578.7	557.1	545.9	538.5	528.8	528.1	523.6
27.5°	613.6	601.0	592.1	561.6	545.2	525.1	516.2	508.0	502.8	500.6	498.3
30°	577.9	563.8	553.4	531.1	511.0	494.6	487.2	482.0	479.0	475.3	474.5
32.5°	538.5	530.3	516.2	499.1	483.5	467.8	463.4	459.7	455.2	453.7	453.0
35°	505.0	493.9	485.0	465.6	458.9	445.5	440.3	437.4	431.4	429.9	428.4
37.5°	472.3	461.9	452.2	440.3	427.7	420.2	417.3	412.8	409.8	410.6	409.1
40°	439.6	431.4	424.0	411.3	403.9	400.2	394.2	389.8	388.3	389.0	388.3
42.5°	407.6	400.2	395.7	386.0	378.6	374.9	371.2	366.7	368.9	368.9	371.2
45°	378.6	371.9	368.9	361.5	357.0	351.1	347.4	346.6	349.6	348.8	348.8
47.5°	348.8	346.6	342.9	336.2	330.2	326.5	325.8	325.8	328.8	330.2	329.5
50°	325.8	321.3	316.9	311.7	307.2	305.7	303.5	305.0	307.9	307.9	309.4
52.5°	296.8	293.8	292.3	287.8	284.9	284.9	284.9	285.6	287.8	290.1	289.3
55°	271.5	269.3	267.8	265.5	261.8	262.6	261.8	263.3	265.5	267.8	269.3
57.5°	244.7	244.0	242.5	238.8	238.8	238.0	240.2	241.0	244.7	246.2	248.4
60°	220.9	218.7	218.7	215.7	215.7	215.7	217.9	220.2	223.1	223.9	225.4
62.5°	195.6	195.6	194.9	192.6	192.6	194.9	195.6	198.6	200.1	200.1	202.3
65°	171.8	171.1	170.3	171.1	171.8	171.8	174.0	175.5	177.0	177.8	178.5
67.5°	148.0	147.3	148.8	148.0	149.5	152.5	151.7	154.0	156.2	156.2	156.9
70°	125.7	127.2	126.4	127.9	127.2	128.7	130.9	131.7	131.7	132.4	134.6
72.5°	104.9	104.9	104.9	104.1	104.9	106.4	107.9	108.6	110.1	110.8	113.1
75°	84.8	84.8	83.3	84.8	84.8	86.3	87.8	87.8	87.8	89.3	91.5
77.5°	64.0	64.7	64.0	65.5	65.5	66.2	67.7	66.9	68.4	69.2	69.9
80°	46.9	46.1	46.1	46.1	46.9	46.9	48.3	49.1	49.1	51.3	49.8
82.5°	29.8	30.5	29.8	30.5	30.5	31.2	30.5	31.2	32.0	33.5	32.7
85°	17.1	16.4	16.4	17.1	16.4	16.4	17.1	16.4	17.1	16.4	17.1
87.5°	6.7	6.0	6.0	6.0	6.0	5.2	5.2	4.5	4.5	4.5	3.7
90°	13.2	14.7	15.8	18.0	20.1	22.3	24.5	25.9	27.2	28.6	29.9
92.5°	26.2	25.7	26.1	26.9	27.8	28.6	29.4	29.9	30.5	31.0	31.5
95°	43.7	39.2	40.1	42.0	43.9	45.8	47.7	49.1	50.4	51.8	53.1
97.5°	54.0	42.8	45.0	49.3	53.7	58.0	62.4	63.2	64.0	64.9	65.7
100°	67.5	48.9	51.2	55.9	60.5	65.2	69.8	72.0	74.1	76.3	78.4
102.5°	295.2	294.9	270.2	220.7	171.2	121.7	72.2	75.2	78.2	81.2	84.2
105°	404.6	408.7	371.6	297.3	223.1	148.8	74.6	77.6	80.6	83.6	86.6
107.5°	486.1	489.5	443.7	352.0	260.4	168.7	77.1	80.1	83.1	86.1	89.1
110°	564.9	567.8	528.5	449.9	371.4	292.8	214.2	187.0	159.8	132.6	105.4

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CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	640.0	642.5	640.2	635.6	630.9	626.3	621.7	504.5	387.3	270.0	152.8
115°	722.2	724.5	727.9	734.7	741.4	748.2	755.0	629.1	503.2	377.3	251.4
117.5°	797.6	800.3	802.6	807.2	811.9	816.5	821.1	782.2	743.3	704.4	665.5
120°	873.0	875.0	877.4	882.3	887.2	892.1	897.0	900.3	903.5	906.8	910.1
122.5°	942.5	944.7	947.4	952.9	958.3	963.8	969.2	970.8	972.4	974.1	975.7
125°	1009.0	1010.8	1013.4	1018.6	1023.7	1028.9	1034.1	1036.0	1037.9	1039.8	1041.7
127.5°	1073.8	1075.7	1077.7	1081.8	1085.9	1089.9	1094.0	1096.7	1099.5	1102.2	1104.9
130°	1135.9	1138.1	1139.6	1142.6	1145.5	1148.5	1151.5	1154.5	1157.5	1160.5	1163.5
132.5°	1193.8	1195.6	1197.1	1200.1	1203.1	1206.1	1209.1	1211.5	1214.0	1216.4	1218.9
135°	1248.5	1250.7	1251.9	1254.4	1256.8	1259.3	1261.7	1264.4	1267.1	1269.8	1272.5
137.5°	1298.0	1299.6	1301.0	1303.7	1306.4	1309.1	1311.8	1314.5	1317.3	1320.0	1322.7
140°	1346.2	1347.3	1348.8	1351.8	1354.8	1357.8	1360.8	1363.2	1365.7	1368.1	1370.6
142.5°	1389.2	1390.2	1392.0	1395.5	1399.0	1402.6	1406.1	1408.3	1410.5	1412.6	1414.8
145°	1427.0	1426.9	1429.2	1433.8	1438.5	1443.1	1447.7	1449.6	1451.5	1453.4	1455.3
147.5°	1465.2	1464.8	1467.1	1471.7	1476.4	1481.0	1485.6	1487.0	1488.3	1489.7	1491.0
150°	1500.0	1499.1	1501.3	1505.6	1510.0	1514.3	1518.7	1520.3	1521.9	1523.6	1525.2
152.5°	1532.0	1530.9	1532.9	1537.0	1541.1	1545.2	1549.3	1550.9	1552.5	1554.2	1555.8
155°	1562.7	1561.5	1563.1	1566.4	1569.7	1572.9	1576.2	1577.8	1579.4	1581.1	1582.7
157.5°	1589.5	1588.4	1589.6	1592.1	1594.5	1597.0	1599.4	1601.3	1603.2	1605.1	1607.0
160°	1613.7	1612.9	1613.7	1615.3	1617.0	1618.6	1620.2	1621.8	1623.5	1625.1	1626.8
162.5°	1633.3	1632.5	1633.2	1634.5	1635.9	1637.2	1638.6	1640.5	1642.4	1644.3	1646.2
165°	1650.4	1649.6	1650.0	1650.8	1651.7	1652.5	1653.3	1655.2	1657.1	1659.0	1660.9
167.5°	1663.9	1663.1	1663.5	1664.3	1665.1	1665.9	1666.7	1668.6	1670.5	1672.4	1674.3
170°	1674.9	1674.1	1674.4	1674.9	1675.4	1676.0	1676.5	1678.4	1680.3	1682.2	1684.1
172.5°	1682.2	1681.4	1681.7	1682.2	1682.8	1683.3	1683.9	1685.8	1687.7	1689.6	1691.5
175°	1687.3	1686.3	1686.6	1687.1	1687.7	1688.2	1688.8	1690.7	1692.6	1694.5	1696.4
177.5°	1689.7	1688.8	1688.9	1689.2	1689.5	1689.7	1690.0	1691.9	1693.8	1695.7	1697.6
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029454

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	922.3	924.5	919.3	917.8	919.3	914.1	915.6	917.1	917.1	919.3	920.8
5°	868.8	865.8	860.6	859.1	857.6	859.8	858.3	860.6	861.3	866.5	867.3
7.5°	815.9	811.5	807.0	802.6	801.1	797.4	801.1	801.1	806.3	804.8	808.5
10°	753.5	752.7	746.8	744.5	741.6	735.6	743.8	741.6	745.3	752.0	753.5
12.5°	707.4	699.2	702.9	692.5	696.2	690.2	691.0	691.0	696.9	697.7	696.2
15°	663.5	656.8	647.1	642.6	640.4	637.4	647.1	647.8	643.4	653.8	650.1
17.5°	618.8	618.8	609.9	607.7	601.7	604.7	603.2	604.0	602.5	609.9	613.6
20°	580.2	576.4	573.5	574.2	566.8	565.3	563.8	565.3	570.5	575.7	577.2
22.5°	548.9	546.7	539.3	540.7	534.8	537.0	535.5	539.3	540.0	540.0	545.2
25°	519.2	516.2	516.9	514.0	511.7	511.7	509.5	511.7	514.7	516.2	516.9
27.5°	496.9	494.6	490.9	488.7	490.2	486.4	489.4	491.7	491.7	490.2	491.7
30°	470.1	471.6	471.6	464.1	467.1	465.6	467.8	469.3	469.3	470.1	468.6
32.5°	452.2	447.8	447.0	446.3	446.3	443.3	443.3	445.5	446.3	447.0	449.3
35°	428.4	428.4	424.7	426.9	424.0	424.7	424.0	424.7	426.2	424.0	426.2
37.5°	406.9	407.6	406.1	407.6	408.3	406.9	405.4	408.3	406.9	406.9	405.4
40°	388.3	387.5	388.3	388.3	388.3	389.0	387.5	387.5	387.5	386.0	384.5
42.5°	372.6	368.2	369.7	370.4	368.2	368.2	368.9	368.2	370.4	365.9	365.9
45°	350.3	348.8	349.6	349.6	351.1	348.8	350.3	351.1	348.8	348.1	346.6
47.5°	330.2	331.7	330.2	331.7	331.7	333.2	330.2	331.0	331.7	328.8	326.5
50°	310.2	310.2	312.4	311.7	312.4	310.9	310.9	310.2	310.9	309.4	307.2
52.5°	291.6	289.3	293.1	292.3	291.6	290.8	290.1	290.8	289.3	287.8	287.8
55°	268.5	268.5	270.7	271.5	271.5	270.0	268.5	269.3	268.5	267.8	267.0
57.5°	249.9	246.9	248.4	249.2	249.2	246.9	248.4	246.9	246.9	247.7	245.5
60°	226.1	226.1	224.6	226.9	226.9	225.4	225.4	226.1	224.6	223.9	223.1
62.5°	200.8	201.6	203.8	204.5	205.3	203.8	202.3	203.1	203.1	200.8	201.6
65°	179.3	180.7	183.7	183.0	181.5	182.2	180.7	181.5	179.3	180.0	177.8
67.5°	158.4	157.7	158.4	158.4	159.9	159.2	157.7	157.7	156.9	159.2	156.9
70°	136.1	136.1	136.1	136.1	136.9	137.6	136.1	134.6	135.4	133.9	133.1
72.5°	113.1	113.8	113.1	114.5	112.3	113.8	113.8	113.1	112.3	112.3	112.3
75°	91.5	93.0	90.7	91.5	90.7	92.2	91.5	91.5	90.0	89.3	90.0
77.5°	69.9	70.7	69.2	69.9	69.2	69.9	69.9	69.2	69.2	69.2	69.2
80°	49.8	50.6	49.8	49.1	48.3	49.8	48.3	49.1	49.8	49.1	50.6
82.5°	32.0	32.0	31.2	32.0	30.5	30.5	31.2	31.2	30.5	32.0	30.5
85°	15.6	15.6	17.1	15.6	14.9	14.9	14.9	15.6	14.9	16.4	15.6
87.5°	3.7	3.0	3.7	3.7	3.0	3.0	3.7	3.0	3.7	4.5	3.0
90°	30.6	30.9	31.4	31.9	32.5	33.0	32.5	31.9	31.4	30.9	30.6
92.5°	31.8	31.9	32.2	32.5	32.7	33.0	32.7	32.5	32.2	31.9	31.8
95°	53.8	53.7	53.4	53.1	52.9	52.6	52.9	53.1	53.4	53.7	53.8
97.5°	66.1	66.2	66.5	66.8	67.0	67.3	67.0	66.8	66.5	66.2	66.1
100°	79.5	79.8	80.3	80.9	81.4	82.0	81.4	80.9	80.3	79.8	79.5
102.5°	85.7	86.1	86.9	87.7	88.5	89.3	88.5	87.7	86.9	86.1	85.7
105°	88.1	88.6	89.7	90.8	91.9	93.0	91.9	90.8	89.7	88.6	88.1
107.5°	90.6	91.1	92.2	93.3	94.4	95.5	94.4	93.3	92.2	91.1	90.6
110°	91.8	92.3	93.4	94.5	95.6	96.7	95.6	94.5	93.4	92.3	91.8

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	94.2	94.6	95.4	96.3	97.1	97.9	97.1	96.3	95.4	94.6	94.2
115°	188.5	178.7	159.1	139.5	119.9	100.3	119.9	139.5	159.1	178.7	188.5
117.5°	646.1	610.5	539.2	468.0	396.7	325.5	396.7	468.0	539.2	610.5	646.1
120°	911.7	893.3	856.6	819.9	783.2	746.5	783.2	819.9	856.6	893.3	911.7
122.5°	976.5	976.6	976.9	977.2	977.5	977.8	977.5	977.2	976.9	976.6	976.5
125°	1042.6	1043.0	1043.8	1044.7	1045.5	1046.3	1045.5	1044.7	1043.8	1043.0	1042.6
127.5°	1106.3	1106.4	1106.7	1107.0	1107.2	1107.5	1107.2	1107.0	1106.7	1106.4	1106.3
130°	1165.0	1164.9	1164.6	1164.3	1164.1	1163.8	1164.1	1164.3	1164.6	1164.9	1165.0
132.5°	1220.1	1220.0	1219.7	1219.4	1219.1	1218.8	1219.1	1219.4	1219.7	1220.0	1220.1
135°	1273.9	1273.6	1273.1	1272.6	1272.0	1271.5	1272.0	1272.6	1273.1	1273.6	1273.9
137.5°	1324.1	1323.7	1322.9	1322.0	1321.2	1320.4	1321.2	1322.0	1322.9	1323.7	1324.1
140°	1371.8	1371.1	1369.8	1368.4	1367.1	1365.7	1367.1	1368.4	1369.8	1371.1	1371.8
142.5°	1415.9	1415.2	1413.8	1412.5	1411.1	1409.7	1411.1	1412.5	1413.8	1415.2	1415.9
145°	1456.2	1455.5	1454.2	1452.8	1451.5	1450.1	1451.5	1452.8	1454.2	1455.5	1456.2
147.5°	1491.7	1491.2	1490.1	1489.0	1487.9	1486.8	1487.9	1489.0	1490.1	1491.2	1491.7
150°	1526.0	1525.3	1524.0	1522.6	1521.3	1519.9	1521.3	1522.6	1524.0	1525.3	1526.0
152.5°	1556.6	1555.6	1553.7	1551.8	1549.9	1548.0	1549.9	1551.8	1553.7	1555.6	1556.6
155°	1583.5	1582.4	1580.2	1578.1	1575.9	1573.7	1575.9	1578.1	1580.2	1582.4	1583.5
157.5°	1608.0	1606.9	1604.7	1602.6	1600.4	1598.2	1600.4	1602.6	1604.7	1606.9	1608.0
160°	1627.6	1626.6	1624.7	1622.8	1620.9	1619.0	1620.9	1622.8	1624.7	1626.6	1627.6
162.5°	1647.2	1646.0	1643.5	1641.0	1638.6	1636.1	1638.6	1641.0	1643.5	1646.0	1647.2
165°	1661.8	1660.9	1659.0	1657.1	1655.2	1653.3	1655.2	1657.1	1659.0	1660.9	1661.8
167.5°	1675.3	1674.1	1671.6	1669.2	1666.7	1664.3	1666.7	1669.2	1671.6	1674.1	1675.3
170°	1685.1	1683.9	1681.4	1679.0	1676.5	1674.1	1676.5	1679.0	1681.4	1683.9	1685.1
172.5°	1692.4	1691.2	1688.7	1686.3	1683.8	1681.4	1683.8	1686.3	1688.7	1691.2	1692.4
175°	1697.3	1695.9	1693.2	1690.5	1687.8	1685.1	1687.8	1690.5	1693.2	1695.9	1697.3
177.5°	1698.5	1697.3	1694.8	1692.4	1689.9	1687.5	1689.9	1692.4	1694.8	1697.3	1698.5
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7	967.7
2.5°	918.6	924.5	922.3	914.1	923.8	923.8	930.5	930.5	938.7	941.6	946.1
5°	866.5	871.0	874.7	871.0	877.7	888.1	894.0	899.3	910.4	914.9	921.6
7.5°	810.7	818.9	822.6	822.6	833.8	845.7	857.6	865.0	880.7	886.6	893.3
10°	756.4	766.1	773.6	772.8	791.4	798.8	813.7	830.8	846.4	855.4	865.0
12.5°	699.2	704.4	714.8	729.7	734.1	747.5	764.6	786.2	814.5	822.6	836.8
15°	651.6	665.7	673.9	680.6	691.0	703.6	722.2	743.1	771.3	789.2	804.0
17.5°	611.4	630.0	635.2	633.7	647.1	666.4	688.0	703.6	728.9	750.5	764.6
20°	578.7	586.1	595.0	598.8	609.2	630.0	650.8	668.7	689.5	706.6	723.0
22.5°	545.9	551.9	559.3	566.0	574.2	586.1	606.2	628.5	648.6	665.0	683.6
25°	519.2	522.9	529.6	534.8	543.7	551.9	566.0	590.6	614.4	624.0	640.4
27.5°	493.1	496.1	500.6	506.5	511.0	519.2	531.8	551.9	576.4	586.1	608.4
30°	470.1	472.3	476.8	479.7	482.0	491.7	501.3	516.9	535.5	548.9	565.3
32.5°	448.5	450.7	455.2	455.9	458.9	464.1	473.1	487.2	503.6	514.7	528.8
35°	424.7	426.2	430.7	432.1	434.4	438.8	445.5	455.9	470.8	479.0	491.7
37.5°	406.1	405.4	408.3	410.6	413.6	415.8	418.0	428.4	439.6	447.0	456.7
40°	386.0	384.5	385.3	388.3	389.8	392.7	392.7	403.1	410.6	416.5	424.0
42.5°	365.9	365.2	363.7	365.2	366.7	367.4	368.2	375.6	383.1	388.3	396.4
45°	345.9	345.1	343.6	344.4	344.4	345.9	348.1	351.1	356.3	360.7	365.2
47.5°	327.3	325.8	323.6	322.8	324.3	324.3	324.3	327.3	332.5	334.0	338.4
50°	307.9	305.7	302.7	301.2	301.2	300.5	302.0	302.7	307.2	308.7	312.4
52.5°	287.1	285.6	282.6	279.7	280.4	278.9	279.7	280.4	281.9	284.1	286.4
55°	266.3	263.3	261.1	260.3	258.1	258.1	255.9	258.8	258.1	258.8	261.8
57.5°	246.2	243.2	239.5	238.0	235.8	235.0	233.6	232.8	233.6	235.8	238.0
60°	222.4	220.9	218.7	216.4	215.0	212.7	211.2	211.2	210.5	210.5	211.2
62.5°	199.3	198.6	195.6	194.9	193.4	191.9	189.7	188.2	188.2	189.7	190.4
65°	177.0	176.3	174.0	173.3	169.6	168.1	167.4	166.6	165.1	165.1	165.1
67.5°	156.2	154.0	154.0	150.2	147.3	145.8	144.3	143.6	143.6	143.6	144.3
70°	133.1	133.1	130.9	128.7	125.7	126.4	124.2	122.0	122.0	120.5	121.2
72.5°	110.8	110.1	107.9	107.1	104.9	102.6	101.2	102.6	100.4	99.7	100.4
75°	89.3	88.5	87.0	85.5	86.3	84.0	81.8	81.1	81.1	79.6	79.6
77.5°	68.4	69.9	66.9	66.2	64.7	63.2	62.5	61.7	61.7	61.7	63.2
80°	47.6	48.3	48.3	46.9	47.6	45.4	45.4	45.4	43.1	43.9	44.6
82.5°	30.5	30.5	29.8	30.5	29.8	29.8	29.0	29.0	28.3	28.3	29.0
85°	17.1	16.4	15.6	17.1	16.4	16.4	15.6	15.6	15.6	15.6	15.6
87.5°	3.7	4.5	4.5	4.5	4.5	5.2	5.2	5.2	6.0	6.0	6.0
90°	29.9	28.6	27.2	25.9	24.5	22.3	20.1	18.0	15.8	14.7	13.2
92.5°	31.5	31.0	30.5	29.9	29.4	28.6	27.8	26.9	26.1	25.7	26.2
95°	53.1	51.8	50.4	49.1	47.7	45.8	43.9	42.0	40.1	39.2	43.7
97.5°	65.7	64.9	64.0	63.2	62.4	58.0	53.7	49.3	45.0	42.8	54.0
100°	78.4	76.3	74.1	72.0	69.8	65.2	60.5	55.9	51.2	48.9	67.5
102.5°	84.2	81.2	78.2	75.2	72.2	121.7	171.2	220.7	270.2	294.9	295.2
105°	86.6	83.6	80.6	77.6	74.6	148.8	223.1	297.3	371.6	408.7	404.6
107.5°	89.1	86.1	83.1	80.1	77.1	168.7	260.4	352.0	443.7	489.5	486.1
110°	105.4	132.6	159.8	187.0	214.2	292.8	371.4	449.9	528.5	567.8	564.9

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CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	152.8	270.0	387.3	504.5	621.7	626.3	630.9	635.6	640.2	642.5	640.0
115°	251.4	377.3	503.2	629.1	755.0	748.2	741.4	734.7	727.9	724.5	722.2
117.5°	665.5	704.4	743.3	782.2	821.1	816.5	811.9	807.2	802.6	800.3	797.6
120°	910.1	906.8	903.5	900.3	897.0	892.1	887.2	882.3	877.4	875.0	873.0
122.5°	975.7	974.1	972.4	970.8	969.2	963.8	958.3	952.9	947.4	944.7	942.5
125°	1041.7	1039.8	1037.9	1036.0	1034.1	1028.9	1023.7	1018.6	1013.4	1010.8	1009.0
127.5°	1104.9	1102.2	1099.5	1096.7	1094.0	1089.9	1085.9	1081.8	1077.7	1075.7	1073.8
130°	1163.5	1160.5	1157.5	1154.5	1151.5	1148.5	1145.5	1142.6	1139.6	1138.1	1135.9
132.5°	1218.9	1216.4	1214.0	1211.5	1209.1	1206.1	1203.1	1200.1	1197.1	1195.6	1193.8
135°	1272.5	1269.8	1267.1	1264.4	1261.7	1259.3	1256.8	1254.4	1251.9	1250.7	1248.5
137.5°	1322.7	1320.0	1317.3	1314.5	1311.8	1309.1	1306.4	1303.7	1301.0	1299.6	1298.0
140°	1370.6	1368.1	1365.7	1363.2	1360.8	1357.8	1354.8	1351.8	1348.8	1347.3	1346.2
142.5°	1414.8	1412.6	1410.5	1408.3	1406.1	1402.6	1399.0	1395.5	1392.0	1390.2	1389.2
145°	1455.3	1453.4	1451.5	1449.6	1447.7	1443.1	1438.5	1433.8	1429.2	1426.9	1427.0
147.5°	1491.0	1489.7	1488.3	1487.0	1485.6	1481.0	1476.4	1471.7	1467.1	1464.8	1465.2
150°	1525.2	1523.6	1521.9	1520.3	1518.7	1514.3	1510.0	1505.6	1501.3	1499.1	1500.0
152.5°	1555.8	1554.2	1552.5	1550.9	1549.3	1545.2	1541.1	1537.0	1532.9	1530.9	1532.0
155°	1582.7	1581.1	1579.4	1577.8	1576.2	1572.9	1569.7	1566.4	1563.1	1561.5	1562.7
157.5°	1607.0	1605.1	1603.2	1601.3	1599.4	1597.0	1594.5	1592.1	1589.6	1588.4	1589.5
160°	1626.8	1625.1	1623.5	1621.8	1620.2	1618.6	1617.0	1615.3	1613.7	1612.9	1613.7
162.5°	1646.2	1644.3	1642.4	1640.5	1638.6	1637.2	1635.9	1634.5	1633.2	1632.5	1633.3
165°	1660.9	1659.0	1657.1	1655.2	1653.3	1652.5	1651.7	1650.8	1650.0	1649.6	1650.4
167.5°	1674.3	1672.4	1670.5	1668.6	1666.7	1665.9	1665.1	1664.3	1663.5	1663.1	1663.9
170°	1684.1	1682.2	1680.3	1678.4	1676.5	1676.0	1675.4	1674.9	1674.4	1674.1	1674.9
172.5°	1691.5	1689.6	1687.7	1685.8	1683.9	1683.3	1682.8	1682.2	1681.7	1681.4	1682.2
175°	1696.4	1694.5	1692.6	1690.7	1688.8	1688.2	1687.7	1687.1	1686.6	1686.3	1687.3
177.5°	1697.6	1695.7	1693.8	1691.9	1690.0	1689.7	1689.5	1689.2	1688.9	1688.8	1689.7
180°	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2	1691.2

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	967.7	967.7	967.7	967.7
2.5°	949.8	949.8	961.0	972.9
5°	929.0	934.2	952.1	968.4
7.5°	908.9	917.8	940.2	961.0
10°	884.4	896.3	923.8	948.3
12.5°	860.6	871.7	903.7	931.2
15°	827.1	841.2	875.5	909.7
17.5°	793.6	807.8	849.4	889.6
20°	754.2	772.8	819.7	873.2
22.5°	717.8	740.8	792.9	836.0
25°	677.6	713.3	761.6	817.4
27.5°	641.9	677.6	726.7	783.2
30°	601.7	638.2	688.8	740.8
32.5°	563.1	596.5	645.6	709.6
35°	522.9	554.9	602.5	667.2
37.5°	486.4	517.7	569.7	629.3
40°	450.7	483.5	528.1	587.6
42.5°	417.3	446.3	486.4	545.9
45°	386.8	407.6	444.8	500.6
47.5°	354.8	373.4	407.6	463.4
50°	325.0	340.7	370.4	422.5
52.5°	296.0	309.4	336.9	378.6
55°	270.0	282.6	302.7	343.6
57.5°	243.2	252.9	272.2	305.0
60°	217.2	226.1	241.7	268.5
62.5°	191.2	198.6	213.5	235.0
65°	168.1	174.0	185.2	203.8
67.5°	145.8	149.5	158.4	173.3
70°	124.2	127.2	134.6	146.5
72.5°	101.2	104.1	112.3	120.5
75°	81.8	82.6	88.5	95.2
77.5°	64.0	63.2	67.7	72.9
80°	43.9	46.1	49.8	52.1
82.5°	29.8	30.5	32.0	33.5
85°	16.4	17.1	17.1	19.3
87.5°	6.7	7.4	7.4	8.2
90°	10.2	7.2	4.2	1.2
92.5°	27.3	28.4	29.5	30.6
95°	52.6	61.6	70.5	79.5
97.5°	76.3	98.6	120.9	143.2
100°	104.8	142.1	179.3	216.6
102.5°	295.7	296.3	296.8	297.4
105°	396.5	388.3	380.2	372.0
107.5°	479.3	472.5	465.7	458.9
110°	559.2	553.5	547.8	542.1

TEST NUMBER: P1029454

CATALOG NUMBER: S122DIW-B485D1240UB2750-4F0-XX-W2A-A_3000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	635.1	630.2	625.3	620.4
115°	717.5	712.9	708.2	703.6
117.5°	792.2	786.7	781.3	775.9
120°	868.9	864.8	860.7	856.6
122.5°	938.2	933.8	929.5	925.1
125°	1005.5	1002.0	998.4	994.9
127.5°	1070.0	1066.1	1062.3	1058.5
130°	1131.6	1127.2	1122.9	1118.5
132.5°	1190.3	1186.8	1183.2	1179.7
135°	1244.2	1239.8	1235.5	1231.1
137.5°	1294.7	1291.4	1288.2	1284.9
140°	1344.0	1341.9	1339.7	1337.5
142.5°	1387.3	1385.4	1383.5	1381.6
145°	1427.3	1427.6	1427.8	1428.1
147.5°	1466.0	1466.9	1467.7	1468.5
150°	1501.9	1503.8	1505.7	1507.6
152.5°	1534.2	1536.3	1538.5	1540.7
155°	1565.2	1567.6	1570.1	1572.5
157.5°	1591.7	1593.8	1596.0	1598.2
160°	1615.3	1617.0	1618.6	1620.2
162.5°	1634.9	1636.6	1638.2	1639.8
165°	1652.0	1653.7	1655.3	1656.9
167.5°	1665.5	1667.2	1668.8	1670.4
170°	1676.5	1678.2	1679.8	1681.4
172.5°	1683.9	1685.5	1687.2	1688.8
175°	1689.2	1691.1	1693.0	1694.9
177.5°	1691.6	1693.5	1695.4	1697.3
180°	1691.2	1691.2	1691.2	1691.2

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